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(71) Applicant (for all designated States except US): CARLS-
BERG A/S [DK/DK]; Valby Langgade 1, DK-2500 Valby
(DK).

(72) Inventors; and

(75) Inventors/Applicants (for US only): MELDAL, Morten
[DK/DK]; Mosesvinget 78, DK-2400 Copenhagen (DK).
NIELSEN, Thomas, Eiland [DK/DK]; Oehlenschläger-
gade 38 3.th., DK-1663 Copenhagen (DK).

(74) Agent: HØIBERG A/S; St. Kongensgade 59A, DK-1264
COPENHAGEN K (DK).

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(54) Title: HETEROCYCLIC ORGANIC MOLECULES THROUGH INTRAMOLECULAR FORMATION OF N-ACYLIM-
INIUM IONS

(57) Abstract: The present invention relates to a method of preparing heterocyclic organic com-pounds involving intramolecular
formation of an N-acyliminium ion and an in-tramolecular Pictet-Spengler reaction. The invention furthermore discloses precursor
molecules useful for the method and methods of preparing these precursor mole-cules. The invention also relates to heterocyclic
organic compounds prepared by the methods, libraries of such heterocyclic organic compound and methods of preparing them, as
well as to various uses of the heterocyclic organic compounds.

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